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October 31, 2017

The Honorable Jocelyn G. Boyd, Esquire  
Chief Clerk/Administrator  
The Public Service Commission of South Carolina  
101 Executive Center Drive, Suite 100  
Columbia SC 29210

**Re: Application Regarding the Acquisition of Progress Energy, Incorporated by  
Duke Energy Corporation and Merger of Progress Energy Carolinas,  
Incorporated and Duke Energy Carolinas, LLC – SAIDI and SAIFI  
Reliability Indices  
Docket No.: 2011-158-E**

Dear Mrs. Boyd:

Pursuant to Regulatory Condition 11.3, on a quarterly basis Duke Energy Carolinas, LLC (“DEC”) and Duke Energy Progress, LLC (“DEP”) must provide to the Commission and to the Office of Regulatory Staff the System Average Interruption Duration Index (“SAIDI”) and the System Average Interruption Frequency Index (“SAIFI”).

The tables below give the SAIFI and SAIDI results for DEC and DEP on a 12-month roll, with and without Major Event Day(s) (“MEDs”). The IEEE Standard 1366-2003 “Guide for Electric Power Distribution Reliability Indices” method is used for calculating these indices.

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
South Carolina Duke Energy Carolinas	12 Months Ending 09/30/17	1.14	188	1.60	632
South Carolina Duke Energy Progress	12 Months Ending 09/30/17	1.69	190	3.55	5,616

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
South Carolina Duke Energy Carolinas	YTD 09/30/17	0.94	159	1.35	582
South Carolina Duke Energy Progress	YTD 09/30/17	1.40	153	1.41	153

Please let me know if you have any questions.

Sincerely,

 /KSH  
Heather Shirley Smith

Enclosures

cc: Ms. Nanette Edwards, Office of Regulatory Staff  
Ms. Dawn Hipp, Office of Regulatory Staff  
Mr. Jeffrey M. Nelson, Office of Regulatory Staff  
Ms. Shannon Bowyer Hudson, Office of Regulatory Staff  
Mr. Michael Seaman-Huynh, Office of Regulatory Staff